

**ABSTRACT****THE EFFECTIVITY OF WOUND CLEANSING USING ANTISEPTIC AND NON ANTISEPTIC MILD SOAP OF FOOT ULCER HEALING IN DM TYPE II PATIENTS AT BANGIL HOSPITAL****A QUASY EXPERIMENT RESEARCH****Wiwit Widyawati**

Wound cleansing process was so influence to wound healing because its was basic management which determined next wound healing step. Modern wound care using mild soap antiseptic and non antiseptic to remove debris from wound. The aimed of this study to investigate diverification of effectivity of wound cleansing using antiseptic and non antiseptic mild soap of foot ulcer healing.

This study was used a quasy experiment design. The population was all patient DM type II. Sample who 32 respondents acording inclusion criteria who taken with purposive sampling technique. Independent variable was wound cleansing using antiseptic and non antiseptic mild soap. Dependent variable was foot ulcer healing. Data were processed using independent t test and paired t test with  $\alpha < 0.05$ .

Result showed that wound cleansing using antiseptic and non antiseptic mild soap had relation with foot ulcer healing in DM type II ( $p=0.00$ ). There were diverification of effectivity of wound cleansing using antiseptic and non antiseptic mild soap of foot ulcer healing in DM type II ( $p=0.001$ ).

In conclusion, wound cleansing used non antiseptic mild soap better than antiseptic mild soap except remove debris from wound it was also destroyed fibroblast. Further studied should involve longer time observation to obtain more accurate results.

Keyword : wound cleansing, antiseptic and non antiseptic mild soap, DM tipe II